CALFED Bay-Delta Program Project Information Form Watershed Program - Full Proposal Cover Sheet

Attach to the cover of full proposal. All applicants must fill out this Information Form for their proposal. Failure to answer these questions and include them with the application will result in the application being considered nonresponsive and not considered for funding.

1. Full Proposal Title: Yuba River Conservancy P	lanning and Public Outreach Proposal
Concept Proposal Title/Number: Yuba River Co	onservancy Planning and Development/WSP01-0123
Applicant: South Yuba River Citizens League &	The Yuba-Sutter Land Trust
Applicant Name: Ken Roberts	
Applicant Mailing Address: P.O. box 130 Cedar	
Applicant Telephone: (530)272-7326 Applicant	Fax: <u>(530)265-6232</u>
Applicant Email: kenroberts@consultant.com	
Fiscal Agent Name (if different from above): <u>Jar</u>	
Fiscal Agent Mailing Address: 216 Main Street,	
Fiscal Agent Telephone: (530)265-5961 Fiscal	Agent Fax: (530)265-6232
Fiscal Agent Email: janet@syrcl.org	
2. Type of Project: Indicate the primary topic for v	which you are applying (check only one)
Assessment	Monitoring
Assessment Capacity Building	Outreach
Education	OutreachXPlanning
Implementation	Research
mplementation	Resourch
3. Type of Applicant:	
Academic Institution/University	XNon-Profit
Academic institution/ oniversityFederal Agency	Private party
Joint Venture	State Agency
Local Government	Tribe or Tribal Government
Bootal Covernment	
4. Location (including County):	
What major watershed is the project primarily	located in:
Klamath River (Coast and Cascade	
X Sacramento River (Coast, Cascade	O ,
San Joaquin River (Coast and Sierra	
Bay-Delta (Coast and Sierra Ranges	
Southern CA (Coast and Sierra Ran	
Southern Cry (Coast and Sterra Ran Tulare Basin (Coast, Sierra and Teh	
Tutate Bushi (Coust, Sterra and Ten	achapi Ranges)
5. Amount of funding requested: \$\text{200,000}	
Cost share/in-kind partners?X_Yes	No

Identify partners and amount contributed by each: Bureau of Land Management Amount to be determined Department of Fish and Game Amount to be determined
6. Have you received funding from CALFED before?YesXNo If yes, identify project title and source of funds: The South Yuba River Citizens League has received funding for
 By signing below, the applicant declares the following: The truthfulness of all representations in their proposal The individual signing this form is entitled to submit the application on behalf of the applicant (if the applicant is an entity or an organization) The person submitting the application has read and understood the conflict of interest and confidentiality discussion in the Watershed Program Proposal Solicitation Package and waives any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent provided in the Proposal Solicitation Package. Ken Odom, President, Yuba-Sutter Land Trust
Printed name of applicant
Signature of applicant
_Janet Cohen, Executive Director, South Yuba River Citizens League Printed name of applicant
Signature of applicant

1. EXECUTIVE SUMMARY

The Yuba River Conservancy (YRC) is a collaborative alliance of public agencies, private organizations, businesses, landowners and citizens, dedicated to conserving and restoring wildlife and aquatic and terrestrial habitat in the Lower Yuba River Watershed and providing public access and recreation. The YRC has begun a collaborative community-based planning process to identify high priority lands and riparian areas for protection and restoration through acquisition of habitat lands, conservation and agricultural easements, and conservation management practices. We will also focus on practical research, landowner stewardship, education and public awareness that forward our goals stated above.

The YRC is seeking funding for an initial collaborative, community-based planning and development phase of a multiple staged process. Our key objectives for this planning process are:

- To develop a comprehensive, detailed plan of action and organizational capabilities to implement the plan, with broad-based community support; and,
- That the plan be scientifically sound and sustainable, cost-effectively integrating the work of, and directly involving, the YRC member agencies that are engaged in research and study projects on the Yuba River ecosystem.
- That the YRC plan and organizational structure function as an integrated and coordinating strategy for the entities (California Department of Fish and Game, Bureau of Land Management, California Department of Parks and Recreation, The Yuba-Sutter Land Trust, The Trust for Public Land and others) that own and are contemplating land and easement acquisitions for conservation, habitat management and restoration, as well as public access and restoration.

The YRC plans to coordinate and integrate the various, related projects of organizations and groups involved in enhancement and restoration efforts on the Yuba River, to form a cohesive strategy of conservation acquisitions and incentive-based management practices for key terrestrial and aquatic habitat. Our planning goals are to enhance overall ecosystem quality and processes, water quality, supply and flood protection, through protecting and restoring terrestrial and aquatic habitats. These YRC goals are supportive of CALFED's goals for improvement in overall ecosystem management and function within the project area and for downstream beneficial uses.

The goals of the Conservancy include increasing water quality in the Yuba-Feather system and Bay-Delta by enhancing ecosystem functions and terrestrial and aquatic habitats along the lower Yuba River corridor that support sustainable, resilient, diverse and valuable plant and animal species as well as other beneficial uses including agriculture and drinking water supplies. Those YRC is focusing this planning process on the Lower Yuba River Watershed and key members engaged in land acquisition and management are operating in the context of a watershed approach to their decisions and actions.

The members of the YRC have agreed to operate by consensus and are developing an organizational operating structure and set of agreements that will support ongoing cooperation, planning and management, without constraining individual members from acting in their best interests and that of their constituencies. At this point it is not contemplated that the YRC will become a legal entity, but will rather operate by operating agreements among the members, following the similar model of the Cosumnes River Preserve. It is contemplated that in the future members may form a not-for-profit entity through which funding for projects may be developed.

An integral principle has been established among members that rights of private property owners will be honored and respected and that any land transactions planned or contemplated will be done only with willing sellers.

*For reviewers of this proposal it may be important to note a difference in this Full Proposal and the previous YRC Concept Proposal is that this proposal is more focused as a 'pure planning proposal' versus the Concept Proposal also added some implementation of purchase of easements and beginning recreation access sites. Therefore the budget is different as well as the scope is focused on the public and technical planning for the YRC.

Members and Mission

The Yuba River Conservancy (YRC) is a collaborative alliance of public agencies, private organizations and citizens, dedicated to conserve, protect and restore wildlife and aquatic habitat, riparian and working landscapes in the Lower Yuba River Watershed, and to provide public access and recreation. The number of members and cooperators in the YRC is growing rapidly. The current list includes:

Yuba River Conservancy Partners

Yuba County Board of Supervisors
Yuba County Office of Education
Yuba County Water Agency
Yuba Gold Fields Access Coalition

City of Marysville E.C. Powell Flyfishers
Bureau of Land Management Gold Country Flyfishers

California Department of Fish and Game

Yuba County Historical Society

Yuba-Sutter Land Trust

Yuba County Resource Conservation District

The Trust for Public Land Western Aggregates, Inc.

California Waterfowl Association

Yuba River Properties

California Department of Parks and Recreation

Baldwin Contracting Company, Inc.

Browns Valley Irrigation District

South Yuba River Citizens League

Friends to Preserve Yuba County History Sierra Resource Strategies

The YRC Planning Process will include several components:

 A comprehensive, collaborative, Community-based Planning and visioning process, including extensive public outreach and education, financial and economic development planning;

 Scientific and technical assessments for the purposes of identifying and prioritizing multiple conservation, enhancement and restoration projects,

 Researching and identifying potential conservation practices and tools, management practices of public lands, and development of cooperative agreements for sound and sustainable management of priority lands that will form a beltway of wildlife, riparian and aquatic habitats along the lower Yuba River corridor.

The planning tracks, community/economic & science/technical will be integrated to continually inform and collaborate to develop practical, cost-effective approaches and solutions that result in enhanced ecosystem health and return on investment, with widespread public and landowner support and participation.

The YRC project area encompasses the fringes of growing population areas and there are combined pressures for farm and ranch land conversion, lower economic returns for landowners, increased water quality and environmental requirements, recreation needs and habitat fragmentation. We recognize this as a complex situation with many interrelated issues and interests. YRC will endeavor to involve stakeholders in a collaborative, whole-system approach to creatively address natural resource management within the context of community social, economic and environmental goals. Our objective is to collectively learn and articulate those desired goals and conditions, and cooperatively develop and implement strategies and projects to achieve them.

ASSUMPTIONS

The YRC's current strategy is based on convincing evidence that widespread landowner and community support among all stakeholders is an integral aspect of successful and sustainable natural resource stewardship for habitat conservation and ecosystem restoration practices. While there is strong support across several segments of the governmental agencies, community and businesses, the YRC members believe that more pervasive, widespread community support is the only viable strategy to obtain certain and long term support for the goals of the YRC.

According to growth projections for the central valley, growth of human populations in the Lower Yuba River Watershed is rapidly accelerating. While this population growth creates new economic opportunities – it also creates new challenges for managing natural resources, particularly for managing sensitive aquatic and wildlife

habitat, and water quality. Pressures to convert the best open space and working landscapes are increasing and will likely continue to do so. There are also increasing demands for public access and recreational opportunities along the Yuba River, where access is currently limited.

These converging forces threaten riparian, aquatic and wildlife habitat losses and increased fragmentation of contiguous wildlife habitat. Currently state and federal environmental policies supporting and protecting several threatened and endangered species, including Chinook salmon and steelhead have engendered studies and plans to enhance aquatic and wildlife habitat and water quality. The YRC aims to integrate the research and work of the many activities on the Yuba River Watershed to implement sound, practical conservation and restoration management practices in the Lower Yuba River Watershed. Many YRC members are participants in many of the various projects and bring that knowledge and experience to the workings of the YRC in this planning process. The YRC members see opportunities for preservation and restoration through a scientifically sound, community-based strategy and plan for protecting, conserving and restoring lands along the Yuba River and in strategic locations throughout the watershed. However, if our actions are not timely, key opportunities may be lost.

EXPECTED OUTCOMES

YRC members are committed to developing and implementing a community-based planning process that will produce a comprehensive strategy for economically, socially and environmentally sustainable natural resource and habitat management practices in the Lower Yuba River Watershed.

This strategy will include scientifically sound and cost effective habitat conservation, management and restoration planning for aquatic and wildlife habitats, riparian corridors, agricultural croplands and rangelands, floodplains, stream meander zones to enhance overall ecosystem function and water quality.

The strategy will develop priorities for critical and important habitat areas – identifying specific land, stream and riparian zones for conservation strategies – including acquisitions, conservation or agricultural easements, landowner incentives for wildlife and fish friendly management practices, etc.

Any and all conservation acquisitions, easements or other transactions contemplated by YRC members with landowners will be voluntary and on the basis of willing seller – willing buyer transactions only.

YRC goals and objectives for the community-based strategy will include:

- Public participation at all stages of the process,
- Education for public and landowners in wildlife and fish friendly practices, and other conservation practices to be identified.
- Creative and cost effective solutions.
- Effective and high leverage resource management getting the most resource benefits for the least costs.

This phase consists primarily of developing a comprehensive detailed plan and organizational capabilities to coordinate and facilitate acquisition of priority land and conservation easements through purchases, trades, etc. that will form a contiguous beltway of wildlife, riparian and aquatic habitat along the Lower Yuba River corridor. The planning process will include identifying and prioritizing:

- desirable habitat values,
- areas of special interest or concern,
- properties,
- restoration needs and options,
- as well as long term management strategies which are socially, scientifically, and socially sound and sustainable.

In addition a significant goal of YRC members is to leverage the investments already made by CALFED and other agencies in the Yuba River Watershed, to ensure publicly and landowner supported practical integration and implementation of the outcomes of the many other projects. (See 2. b. & c below.)

2. QUALIFICATIONS AND READINESS

The YRC currently has wide participation and support among diverse stakeholders with many resources and much of the necessary expertise and authorities to move effectively and rapidly into detailed planning, public outreach and development of technical capacity to implement and manage the strategy and objectives of the plan. There is a wealth of knowledge, experience and scientific and technical expertise within the member organizations and their respective staffs.

2.a Administration and Finance

The South Yuba River Citizens League (SYRCL) has acted as fiscal agent for both the Sierra Buttes/Lakes Basin Coalition and The Middle Yuba River Citizens League. In addition SYRCL is currently acting as contractual agent for the US Fish and Wildlife Service in the administration of an \$80,000 grant concerning fish counts on the Lower Yuba.

SYRCL's staff includes an in-house, full-time office administrator. A full-charge bookkeeping service maintains all records of income, expenses payroll and payroll taxes. A qualified CPA oversees all systems and record keeping and performs an annual audit.

Additionally YRC participants from the private business and landowner sectors, as well as the public sector may provide expertise, advice and oversight in the arena as well.

2. b. Integral to the YRC operating plans is the ability to draw on expertise and capabilities of the partners in our project who are also involved in numerous studies, projects and programs already underway on the Yuba River. We are and plan to continue working in cooperation and coordinating with the key agencies and organizations involved in the following projects (See 2c) to integrate their work with environmentally, socially, and economically sound conservation strategies, tools and practices and restoration projects.

2. c. Specific projects funded by CALFED already on the Yuba

Yuba Watershed Council

- Concerns: Yuba Watershed Issues
- Members: Almost all stakeholders from the watershed are represented.
- Funding: Prop 204 grant monies finance various projects of the Council including SYRCL and Deer Creek's River Monitoring Programs. Prop 13 and CALFED grants have been applied for further projects. An employee is paid under a CALFED grant

Other ongoing processes in the Yuba Watershed include:

Lower Yuba Technical Working Group:

- Concerns: Improvement of the fishery and environment in the lower Yuba River below Englebright. Looking at possibility of improved fish ladders at Daguerre or possible removal of the dam. Also looking at restoration in the goldfields
- Members: This is an independent group made up of agency personnel and primary stakeholders on the lower Yuba. Members include YCWA, DFG, USFWS, NMFS, DWR and SYRCL
- Funding: No funds are specifically earmarked to implement studies or measures, but funds are available through CALFED, CVPIA, the four-pumps mitigation program and other sources.

Other grants being considered by CALFED at this time:

Project description: California State Parks has written a proposal to develop a watershed-based collaborative resource management plan for Cooperating Agencies along the South Yuba River in Nevada County between

Spaulding and Englebright Reservoirs. It will be designed to meet a wide range of resource management and planning needs of local, state, and federal agencies charged with these responsibilities. Issues that will be addressed include specific wild and scenic river resource issues, other resource issues and concerns developed through a public and watershed agency scooping process, Nevada County planning and land use concerns, CALFED resource goals and objectives, identified Basin Plan beneficial uses, and other issues that may be identified through the assessment or other venues such as the Upper Yuba.

Grants from other agencies and other funding sources (such as CALFED, 319[h], 205[j], proposition 204) that have been used or are currently being used to support work in this watershed.

- More than \$110 million has been directed to support work in this watershed since 1999. This includes:
- \$70 million in non-dam Yuba River flood control projects funded under Proposition 13;
- \$20 million in flood mitigation projects funded under Proposition 13;
- \$6.7 million from CALFED to study removal or modification of Englebright dam for salmon restoration;
- \$1 million under Proposition 204 for water quality improvement projects, forest health, monitoring and recreation planning;
- \$1 million in lower Yuba River salmon restoration studies;
- \$200,000 from CALFED for a South Yuba River Management Plan.

Summary of actions that have been accomplished to date

- The inclusion of 100 volunteer citizen monitors sampling 21 sites throughout the watershed since June 2000;
- The construction of 30.5 miles of coordinated fuel breaks;
- Forest health and fuel reduction activities on 5,910 acres;
- Formalization of an evaluation and study process to restore salmon and steelhead upstream of Englebright;
- Formalization of the Yuba-Feather Work Group to plan \$90 million in non-dam flood control projects on the Yuba;
- Planning for one hundred percent access for salmon and steelhead above Daguerre dam through the Yuba River Fisheries Technical Work Group;
- Development of a community-lead Strategic Plan to implement a Yuba River Conservancy.

4. TECHNICAL FEASIBILITY

4a. The Yuba River Conservancy is using several successful river conservancy, preserve and parkways as models for various aspects of our planning and development. One of our key member agencies, the Bureau of Land Management, has played a central role in developing and managing the Cosumnes River Preserve (CRP) in cooperation with many other entities and community interests. The CRP has grown to include over 40,000 acres under protection and management with numerous habitat restoration and conservation projects. They have developed funding and effectively invested approximately \$100,000,000, in ecosystem conservation and restoration for sensitive wildlife and aquatic habitats since their inception. BLM is a partner and YRC members will maintain a 'learning dialogue' with the managers of the CRP and continue to collaborate with BLM managers and learn from their experiences.

Additional projects that will serve as models are the San Joaquin River Parkway, Deer Creek Conservancy, and the Butte Creek Conservancy as well as others. Several YRC member agencies and organizations have participated various capacities in the development and implementation of these projects and will contribute their experience and expertise in the development of the YRC. Our workplan includes continuing to develop an ongoing dialogue with managers and collaborators on these conservancy based projects to learn from both their successes and failures.

Methodologies for Planning, Strategy and Community Outreach

Organizational Development and Strategic Planning – Will utilize expertise and resources available from within the body of cooperators and local and state agencies involved in the project as well as seek out and consult with other Conservancy organizations, such as the Cosumnes River Parkway, San Joaquin Parkway and Deer Creek Conservancy.

Community Based Planning is a collaborative planning approach to provide additional opportunities for identifying and resolving issues by local communities. Collaboration is a cooperative process in which interested parties, often with widely varied interests, work together to seek solutions with broad support for managing federal and other lands. Collaboration is used to encourage the development of shared landscape goals and objectives and to garner the support needed for implementation.

These efforts are often long-term and labor-intensive. Working at scales appropriate to the community and the landscape, land management employees engage local residents with a passion for the land and their community, while simultaneous recognizing that these are public lands, managed under state and national standards and laws in the interests of all Americans. No one is deliberately excluded from this process. Individuals living outside the planning area have ample opportunity to participate; the CEQA and NEPA process guarantees that.

For over ten years the Bureau of Land Management (BLM), Folsom Field Office, has been engaged in community based planning approaches within the South Yuba River Watershed; the Inimim Forest, and more recently, the Round Mountain Community Based planning efforts. The Inimim Forest Community Based Plan is viewed as a real success story, receiving National attention from groups like the Sonoran Institute, and author Timothy P. Duane's book, Shaping the Sierra.

The Community-based and Scientific-Technical Planning processes will be integrated, informing one another to identify and prioritize: multiple beneficial uses of water and land resources, desirable habitats values, areas and/or properties of special interest or concern, restoration needs and options, as well as long term management strategies which are economically, scientifically, and socially sound and sustainable.

This Collaborative, Community-Based Planning model has been developed from experience of members with Bureau of Land Management, the Coordinated Resource Management Planning process, as well as numerous projects by the members. Some of the guiding principles of our model include:

- Building Strong Relationships – successful collaboration requires substantial investment in building lasting relationships with community leaders, stakeholders and interest groups.

Significant time and resources will be expended in one on one and small group dialogue to develop the necessary participation and support of elected and non-elected community leaders, key decision-makers, property owners, business and agricultural leaders, and including hunting, fishing, environmental, recreational, and social group leaders. This step is critical at the beginning phase of the project and must also be maintained throughout the process. We plan to include activities and social events in addition to formal meetings such as Field Trips, helping people connect with the land and river.

- Identify and agree on organizational structures and agreements including legal sideboards early on. Encourage diverse participation and communication learn and identify the informal networks, 'movers and shakers', and how information flows in the community, to build broad participation.
- Develop 'Learning Communities' aimed at engendering and informing community-based, collaborative stewardship. Develop and offer training, education, expertise, guest speakers to develop a common language and knowledge base.

GIS - As a management and decision-making tool the YRC requests that funding also be provided for development of a Land and Habitat Data Management System Using GIS. Tasks are outlined below.

Task 1. Establish the user requirements for the database and GIS deliverables.

This process will attempt to compile a list of questions the database would need to answer, queries to be performed, and maps to be produced. Design of the database needs to incorporate the user expectations while being flexible enough to adapt to changing requirements. During this process database standards and quality control procedures will be established for data processing and integration of existing data.

Task 2. Create GIS database

Create and maintain a GIS database using ESRI's Arcview and Arcinfo in conjunction with Microsoft Access or other RDBM's if required. Using this approach most spatial and non-spatial formats can be assimilated into a data management system. Hardcopy tables and maps can be digitized or scanned and included in the database. Existing digital data can in most cases be used directly or converted into a format that Arcview can use. From the data management system spatial data queries, maps, and reports can be generated and saved becoming part of the database structure and can be recreated easily. When all data sets are compiled final maps and analysis can be completed.

Riparian, aquatic and wildlife habitat data will be identified, developed and assessed by competent professionals, both members of a contractor Geographic Information Systems team, D.F.&G and other members will evaluate the data and process. Biologists will evaluate wetland and riparian resources using existing information. Available information may include: US Corps, of Engineers, Sacramento District GIS database, US National Wetland Inventory Maps, local soil surveys, and aerial photographs. Biologists will review previously mapped wetland and riparian data and attempt to fill in any gaps from aerial photographic interpretation. New mapped areas will be digitized on top the GIS database.

A preliminary estimate to complete the task is included in the budget. These figures are based our preliminary knowledge of the available existing information. A more detailed budget can be prepared after project selection.

5. MONITORING FOR EFFECTIVENESS

5.a This proposal is for planning and public outreach process and is not a technical project. However certain measures of success can and will be used to determine progress and success. Appropriate measures of success would include – the number of meetings, numbers of participants, numbers of new member/partners, funds and inkind commitments developed for related activities and projects. We will develop specific measures and targets in developing a detailed workplan and can be incorporated into our agreements with CALFED, should our project be selected for funding. In addition technical measures and monitoring will be addressed and developed during the planning and development process to assess progress and assure quality in all areas of the Conservancy's activities.

5b. There are present river monitoring programs that are providing data and baseline conditions that will inform our process and future decision-making:

The Yuba River Conservancy will submit a monitoring and reporting plan to the CALFED consistent with the provisions and requirements of CALFED agencies. Additionally:

The Yuba River Conservancy will utilize a Plan prepared for this area with assistance from the California Department of Fish and Game as a standard for measurement of achievement;

5c. Water quality data will be collected in part by volunteer citizen monitors throughout the Yuba basin and the Deer Creek sub-basin through the Yuba River Monitoring Project, already funded under Proposition 204 in 1999;

5d. The SYRCL Citizens Monitoring Program uses protocols approved by the State Water Resources Control Board. The planning and development process will include and ensure that planned projects will be in cooperation and compliance with the relevant regulations and standards of appropriate federal, state and local government agencies, which will include:

County of Yuba General Plan
The California Department of Fish and Game
California Environmental Quality Act
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service
National Marine Fisheries Service
US Bureau of Land Management
And other relevant agencies or regulations.

5e. The YRC sees that it will coordinate relevant data from several sources and provide to members for informed decision-making and monitoring of all relevant activities and projects within the YRC's plans for overall ecosystem and water quality improvement.

6. SCIENTIFIC BASIS

The general area encompassed in the YRC planning area is considered to be under development pressures, with several specific properties currently held by property developers or marketed to developers for subdivision for residential and large 'planned community' development. Some of these areas are being subdivided into 5 and 10 acre parcels for rural residential development.

Significant wildlife habitat loss, habitat fragmentation and loss of future recreational opportunities will occur if these lands are subdivided and developed without a comprehensive and coordinated habitat management approach.

Significant impacts on aquatic habitat and riparian zones from further residential and commercial activity near the river may have serious adverse effects on threatened Chinook salmon, steelhead and other native fish.

Loss of rice and grain farmlands would adversely effect important waterfowl feeding, nesting and wintering area.

The effects of "clean" farming are a major impact upon the habitat and wildlife in significant portions of the designated area. Due to concerns over insects and wildlife harming the crop, there is a minimal amount of natural vegetation left for the wildlife in some areas of intensive cultivation.

The primary purpose of acquisition or easements in this area is to preserve and enhance Valley Foothill Riparian Habitat (Wildlife Habitat Relationships habitat classification system) and vernal pool/seasonal wetland habitats. Acquisition of properties in the YRC project area will add to similar habitats which currently exist on Beale Air Force Base (22,000 acres) and Spenceville Wildlife Area (11,000 acres).

Recent Studies

In October 1999, the United States Air Force completed a Draft Habitat Conservation and Management Plan (HCMP) for Beale Air Force Base. The HCMP addresses the plans by the U.S. Air Force to preserve and enhance habitat for the following 11 wildlife and one plant species which are possible or likely species to be found in the CAPP area: Vernal pool fairy shrimp (*Branchinecti lynchi*), vernal pool tadpool shrimp (*Lepiduris packardi*), valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*), Central Valley steelhead (*Oncorhynchus mykiss*), fall-run chinook salmon (*Onchorhynchus tshawytscha*), western spadefoot toad (*Scaphiopus hammondii*), northwestern pond turtle (*Clemmys marmorata marmorata*), bald eagle (*Haliaeetus leucocephalus*), American peregrine falcon (*Falco peregrinus*), western burrowing owl (*Athene cunicularia hypugea*), black rail (*Laterallus jamaicensis*) and Greene's legenere (*Legenere limosa*). All of these species are listed as threatened or endangered species by the state and/or federal government or are species of special concern.

Significant YRC planning area properties are located adjacent or near to Beale AFB. Many of the same habitats which exist on Beale AFB extend onto the properties included in the YRC Planning area. Habitat for several of the HCMP species could be enhanced or restored depending on the property. It is expected that the adjacent wildlife habitats on Beale AFB will remain intact over the long term.

These properties are near the Significant Natural Area identified as Yuba 9 on Beale AFB. The elements identified in SNA - Yuba 9 are a number of vernal pool species which include: 1) Conservancy Fairy Shrimp (*Branchinecta conservatio*), Vernal Pool Fairy Shrimp (*Branchinecta lynchi*), Vernal Pool Tadpole Shrimp (*Lepidurus packardi*), and California Linderiella (*Linderiella occidentalis*).

Using this information Department of Fish and Game has suggested the following Management Objectives as an example for the projects that would be considered in our comprehensive plan.

A. Restore riparian habitat on the Yuba River, Dry Creek, Little Dry Creek, and their tributaries. The stream-side habitat could be widened by encouraging volunteer trees and shrubs, and actively planting native plants. Beale Air Force Base is actively planting dozens of acres of riparian habitat adjacent to Dry Creek and Best Slough. Beale Air Force Base is adjacent to the parcels described in this YRC Planning area. Restoration of these lands will add to the natural habitats contained on Beale Air Force Base (22,000 acres) and the Spenceville Wildlife Area (11,000 acres).

- B. Preserve and restore vernal pools and seasonal wetlands. Many of these lands either have vernal pools or were once vernal areas before being farmed. Vernal pools and seasonal wetlands could possibly be created on those suitable lands which once had them.
 - C. Improve fish habitat for chinook salmon, steelhead and other native fish. Chinook salmon and steelhead spawn at suitable sites, as well as pass through these waters to spawn on Beale Air Force Base and the Spenceville Wildlife Area. Additional anadromous fish spawning sites could be created along with improved riparian canopy.
 - D. Provide additional hunting, fishing and wildlife viewing opportunities for the public.
- E. A cooperative management agreement among the member agencies and cooperators and other groups for the management of these lands is an option. Some discussions of a cooperative management agreement

with CA DF&G, US Bureau of Land Management, County of Yuba and CA State Parks have been initiated with favorable responses from all parties.

7. PROJECT RELATIONSHIP TO CALFED GOALS

The YRC is a demonstration of a watershed approach, with wide community participation currently and extensive outreach and public participation in the planning and implementation processes toward the strategic goals of the YRC.

As articulated above, the current goals and objectives of the Conservancy include increasing water quality and supply reliability in the Yuba-Feather system and Bay-Delta by enhancing ecosystem functions and terrestrial and aquatic habitats along the lower Yuba River corridor through cooperative resource management practices and agreements that support sustainable, resilient, diverse and valuable plant and animal species as well as other beneficial uses including agriculture and drinking water supplies. YRC priority objectives also include reducing flood risk to local communities and interests through non-dam projects and management practices and measures.

The YRC Planning and Development project directly addresses all of the Initial Implementation Priorities of the Watershed Program, as we understand them.

Education and Awareness

The funding for this project will be used to develop and build local community capacity to assess and effectively manage the Yuba River watershed from several perspectives, including outreach and education of community leaders, local, state and federal agencies, public and private land owners and managers, and the general public in collaborative, community-based resource planning and management. Through active participation and outreach, public and private leaders decision-makers will continue to work together to develop and implement cooperative agreements for the long term management of the resources, lands and waters of the Yuba River. Through the process all parties will learn and practice collaborative, consensus and community-based planning as well as become familiar with ecosystem processes and principles of sound and sustainable resource management for multiple beneficial uses.

Watershed Stewardship - The process will necessitate watershed assessments, prioritization and planning on many levels, involving many parties. This process will include both general and detailed design, development and implementation of specific watershed conservation, maintenance and restoration actions – including: riparian zone restoration, stream meanders, enhancement of salmonid spawning habitat, developing options for enhancement of flood control, wetlands protection and enhancement, developing agricultural lands management practices that are economically and environmentally sound, and many other potential actions. These issues will be addressed from the perspective and concerns of both private and public land managers

Establishing and enhancing a partnership between the local community and the CALFED Bay Delta Program.

The initial strategy calls for extensive public outreach and education, to gather information, concerns and priorities of all effected stakeholders and communities including: agricultural interests; mining interests; local government, community and civic leaders and organizations; recreation, hunting and fishing interests; environmental organizations; governmental regulatory agencies scientific and policy staff; and all other interested stakeholders who wish to participate in the processes.

This will leverage CALFED funds and resources to promote the continued implementation of the key CALFED objectives directly and indirectly through the normal decisions and activities of local decision-makers and resource managers and citizens.

The community based nature of the current and planned process is and will engender collaboration and dialogue. The members of the YRC are committed to operating in an open, collaborative, consensus-based process, and to including all interested stakeholders at all points in the process. The initial strategy calls for extensive public

outreach and education, to gather information, concerns and priorities of all effected stakeholders and communities including: agricultural interests; mining interests; local government, community and civic leaders and organizations; recreation, hunting and fishing interests; environmental organizations; governmental regulatory agencies scientific and policy staff; and all other interested stakeholders who wish to participate in the processes.

As noted above significant local leadership in both local government as well as private organizations are currently involved and actively participating in the project. However the YRC intends more formal and extensive identification, outreach and invitations to participate to all interested stakeholders and potentially affected parties early in the Community-based Planning process, and continued throughout the planning, public awareness and education activities.

Project benefits be distributed equitably within the community

Many of the potential benefits, such as increased flood protection, water quality; recreation opportunities and improved economic climate should by their nature benefit the larger community as a whole, including the economically disadvantaged. Specific economic development policies and projects to promote equitable distribution of economic and job creation benefits may be developed in the planning process in cooperation with the Yuba County Economic Development and Employment Dept. Staff, and the Yuba-Sutter Economic Development Corp. to be in compliance with all applicable state and federal regulations.

Issues of Environmental Justice and access to the Yuba River and adjacent gold fields, providing access for recreation purposes are complex issues that involve property rights, mining rights, and special interest groups and probably won't be solved in the short-term. Last year high levels of mercury were reported in sections of the Yuba River which are probably associated with a history of mining. These concerns will be addressed in the planning process.

Local community involvement with the continued development and implementation of the CALFED Bay Delta Program?

The YRC project will serve to promote local involvement by increasing coordination and integration of current CALFED and other Water Quality and Supply projects, including integrating programs for habitat and salmonid fisheries improvement with wildlife and fisheries conservation and enhancement efforts as well as recreation, hunting, and agricultural lands conservation.

Contribution to on-going effective local management of the watershed

Through several means and coordinated efforts, local officials, decision-makers, resource managers, agriculturalists, scientists, environmental organizations and community groups are and will continue to meet and collaborate on the overall goals and strategy, as well as the implementation of the resulting projects to come. The YRC intends to actively engender collaborative design and implementation of all potential cooperative projects aimed at enhancement, restoration and/or management of the natural resources within the watershed. The primary public resource management agencies in the corridor are currently participating and their continued active support and cooperation will be encouraged and further stakeholder involvement sought.

Benefits to CALFED Program

There are many potential benefits, some of which are described above, including continued and expanded opportunities in business, agriculture, mining and recreation, hunting, fishing and related tourism. Enhanced flood protection, increased water quality and improved supply management are also potential benefits to local and downstream users from the multiple project strategies and implementation.

Additionally, the CALFED BAY-DELTA logo can be incorporated into public information, brochures, letterhead, etc. to promote public awareness of the connection to the local community.

Promoting information exchange, including project monitoring and the transfer of technical information, among CALFED and others interested in watershed management.

Project's capability of sustaining water quality benefits

The properties, lands and easements acquired on behalf of and under the management agreement of the YRC, will be held in perpetuity by the respective entities (Land Trusts, etc.) and therefore the benefits of preservation and restoration of aquatic and wildlife habitat should continue perpetually, as well as to build and accrue additional benefits as the natural systems recover and develop greater capacity to perform the numerous and complex 'ecosystem services' which enhance water quality.

7c. Since this proposal is a planning project only, the need for CEQA or NEPA documentation will not come until implementation actions are undertaken, so the Department of Water Resources will be designated as our lead agency for these purposes although other of our member agencies may undertake that role for the YRC or for their own projects within the project area. The strategy and timetables will be will be developed with the DWR personnel in the planning process. The YRC participants include personnel from several participating agencies of CALFED, so information should flow through those organizations in the normal course of business as currently established. Since many of the participants are actively involved in watershed management and related issues on a professional level in various capacities and forums, there should also be opportunities developed among them for presentations at conferences and gatherings of interested parties.

8. SUMMARY OF OTHER IMPORTANT POINTS

The YRC recognizes that this bio-region faces complex challenges and opportunities that requires cooperation, collaboration and effective planning including all stakeholders to conserve and restore wildlife and aquatic habitat while maintaining a healthy economy and community.

New environmental policies supporting increased wildlife habitat, Chinook salmon, steelhead, water quality and land conservation may have a significant effect on land use and management practices. Public desire for more access and recreational opportunities is also an important factor. In addition, lower crop and beef prices, and closure of processors facilities in recent years have further threatened the economic viability of local agriculture.

YRC recognizes the urgent nature of the combined pressures for farm and ranch land conversion, lower economic returns, environmental requirements, recreation needs and habitat fragmentation. We further recognize that this is a complex situation with many interrelated issues and interests, which must be addressed from a larger perspective – a collaborative, whole-system approach to creatively address our common future. YRC sees the need for immediate action – for providing public access to the Yuba River, for protecting critical wildlife and spawning habitat in the river corridor. We also understand that since the welfare of the community, the health of the river and wildlife habitat, and the sustainability of agricultural lands are inextricably linked, that we must look strategically at how we can support the ongoing viability of agriculture.

It should be noted that the 'vision' of the YRC as articulated by members is to develop a 'mosaic' of protected lands as a beltway buffer-zone along the river corridors from the mouth of the Yuba to its headwaters in the Sierra. In the planning process, priorities, strategies and acquisitions along the river corridors above Lake Englebright will be addressed for future implementation.

Goals and Strategies ~

1. Protect Working Landscapes along the Yuba River.

Protect threatened farms, ranches, forests, mining and other critical open spaces for future generations

- Develop strategic alliances with farmers, ranchers, mining lands, forests, and other property owners through voluntary cooperation.
- Develop legal and financial structures with a land trust to accept and/or facilitate protection or conservation of threatened 'working landscapes', including easements and acquisition
- Cooperate with mining interests to use responsible mining as tool for a wildlife and aquatic habitat restoration and enhancement as well as provide sustainable economic benefits.
- Develop a Priorities Plan for targeting protection efforts
- Initiate when possible and where appropriate a Transfer of Development Rights with willing public and private partners
- Protect agricultural water diversions

2.Protect and Enhance the Environment

Encourage environmental stewardship and restore critical salmon and steelhead habitats

- Protect and conserve threatened Oak Woodland habitats
- Protect and restore salmon and steelhead habitats on the Yuba River
- Continue active engagement with issues relating to wildlife and fisheries protection
- Protect and restore wetlands and water quality.

3. Create Public Access for Recreational and Educational Opportunities

Develop and enhance public access opportunities and develop recreational opportunities on the Yuba River

- Define and target key access, recreational and educational areas of biological, historical and cultural significance
- Increase public access to public lands along the river
- Create and implement Management Plan for recreational properties
- Identify and develop management structure and agreement with an appropriate managing partner for access points
- Continue to identify and inform constituency for fishing, hunting hiking, boating and other recreational opportunities
- Maintain and enhance current recreational opportunities along the Yuba River, including hunting, fishing, boating and hiking.

4. Protect the floodway from development

Coordinate land protection and conservation to minimize flood damage

- Define and target key areas for floodplain conservation and protection
- Identify and implement tools to enhance flood damage reduction through land conservation
- Preserve existing levels of flood protection and enhance flood protection where possible

5.Link the Yuba River Conservancy to Economic Development and Business Opportunities

Develop economic development incentives and opportunities that highlight the Yuba's open spaces, farms and recreational opportunities

- Develop long-term Plan for Economic Development related to Conservancy
- Coordinate tourism, marketing and business opportunity development with Conservancy mission
- Create and sustain local jobs that rely on management and restoration in the Conservancy area

• Develop prescriptive mining as a tool for habitat restoration and enhancement as well as provide sustainable economic opportunities for local industry and employment.

6.Promote Education and Awareness

Increase understanding and promote the multiple benefits of farming, ranching, mining, timber, protected habitats and recreation on the Yuba River

- Initiate studies and research that examines the economic and environmental importance of farms, ranches and open space in the Conservancy area
- Actively inform, involve and collaborate with community and regional partners
- Develop educational brochures for public distribution

7. Promote and Develop the Yuba River Conservancy organization

Increase public awareness about the Yuba River Conservancy mission.

- Build a sustainable funding base from individuals, corporations, agencies and foundations
- Link organizational efforts with partners both upstream and downstream
- Develop key local and regional constituencies and business partners
- Develop an overall communications and marketing plan
- Sponsor high profile events that build awareness and support

8. Protect Financial Integrity of the Organization

Ensure prudent management of assets and finances

- Adopt and implement non-profit standards for all fiscal management procedures and decision-making
- Identify short- and long-term funding sources
- Develop 501c3 or other appropriate organizational structure

9.Implement Governance, Management and Infrastructure

Ensure that the Yuba River Conservancy has a committed and skilled, staff and volunteer base

- Open and maintain a Yuba River Conservancy office
- Formalize process for acquiring property, easements and financial gifts
- Develop an appropriate management and organizational structure, and personnel to implement the goals and objectives of the YRC.
- Develop a steering committee and appropriate Committee structure to carry out our mission
- Utilize local contractors and local volunteers whenever possible.

10. Think and Act Strategically

Sustain and keep the Yuba River Conservancy Strategic Plan useful and operational

• Disseminate the Yuba River Conservancy message about the adopted Strategic Plan (vision, mission, values and goals) to public and donors as part of a public awareness and participation campaign.

PECIFIC WATER QUALITY GOALS INVOLVED

This project will specifically address these targeted issues identified in the CALFED Bay-Delta Program Biological Opinion of the U.S. Fish and Wildlife Service:

Program Target	Action Code	Programmatic Actions
Preserve and expand the stream-meander belts in the Feather, Yuba and Bear Rivers by adding a cumulative total of 1,000 acres of riparian lands in the meander zones	E080301	Acquire riparian and meander-zone lands by purchasing then directly or acquiring easements form willing sellers, or provide incentives for voluntary efforts to preserve and manage riparian areas on private land.
	E080302	Build local support for maintaining active meander zones by establishing a mechanism whereby property owners would be reimbursed for land lost to natural meander processes.
	E080303	Develop a cooperative program to improve opportunities for natural meander by removing riprap and relocating other structures that impair stream meander
Provide conditions for growth of riparian vegetation along sections of rivers in the Feather River/Sutter Basin Ecological Zone	E081601	Purchase streambank conservation easements from willing sellers or establish voluntary incentive programs to improve salmonid habitat and instream cover along the Yuba River.
Preserve and expand the stream-meander belts in the Feather, Yuba and Bear Rivers by adding a cumulative total of 1,000 acres of riparian lands in the meander zones	E081602	Purchase streambank conservation easements from willing sellers or establish voluntary incentive programs to improve salmonid habitat and instream cover along the Feather River.
	E081603	Purchase streambank conservation easements from willing sellers or establish voluntary incentive programs to improve salmonid habitat and instream cover along the Bear River.
Reduce the application on agricultural lands of herbicides, pesticides, fumigants, and other agents toxic to fish and wildlife that have the greatest risk to fish and wildlife populations.	E095701	Enter into conservation easements with willing landowners to modify agricultural practices in ways to reduce loads and concentrations of contaminants.
	E095702	Provide incentives to landowners to modify agricultural or other land use practices that contribute to the input of contaminants into waterways.

Environmental Information Form

Successful applicants are responsible for complying with all applicable laws and regulations for their projects, including the National Environmental Policy Act (NEPA) and the California Environmental Quality Act (CEQA

NEPA/CEQA

Any necessary NEPA or CEQA documents for an approved project must tier from the CALFED Programmatic EIS/EIR. Approved projects must incorporate mitigation strategies listed in Appendix A of the CALFED Programmatic Record of Decision to avoid or minimize the projects adverse environmental impacts. Applicants are encouraged to review the Programmatic EIS/EIR and incorporate the applicable mitigation strategies from Appendix A of the Programmatic Record of Decision in developing their projects and the NEPA/CEQA documents for their projects.

and the NEPA/CEQA documents for their projects.
1. Will this project require compliance with CEQA, NEPA, or both? YesNo_X_
 If you checked no to question 1, please explain why compliance is not required for the actions in this proposal> This proposal is focused on the planning and public outreach for the Yuba River Conservancy
3. If the project will require CEQA and/or NEPA compliance, identify the lead agency(ies).
CEQA Lead Agency N/A
NEPA Lead Agency
4. Please check which type of document will be prepared. N/A
CEQA NEPA
Categorical Exemption Categorical Exclusion
Initial Study Environmental Assessment/FONSI
EIREIS
If you anticipate relying on either or both the Categorical Exemption or Categorical Exclusion for this project, please specifically identify the exemption and/or exclusion that covers this project. (Example: Fish and Wildlife Service Manual at 516 DM 6 Appendix 1.4 Categorical Exclusions Section B Resources Management: (1) Research, inventory, and information collection activities directly related to the conservation of fish and wildlife resources.) N/A
6. If the CEQA/NEPA process is not complete, please describe the estimated timelines for the process and the expected date of completion. N/A
7. If the CEQA/NEPA document has been completed:
What is the name of the document? <u>N/A</u>
Please attach a copy of the CEQA/NEPA document to the application.

Environmental Permitting and Approvals

Successful applicants must tier their project's permitting from the CALFED Record of Decision and attachments providing programmatic guidance on complying with the state and federal endangered species acts, the Coastal Zone Management Act, and sections 404 and 401 of the Clean Water Act. The CALFED Program will provide assistance with project permitting through its newly established permit clearing house.

Please indicate what permits or other approvals may be required for the activities contained in your proposal and which have already been obtained. Please check all that apply.

LOCAL PERMITS AND APPROVALS	Needed?	Obtained?
Conditional use permit	No	
Variance	No	
Subdivision Map Act	No	
Grading permit	No	
General plan amendment	No	
Specific plan approval	No	
Rezone	No	
Williamson Act Contract cancellation	No	
Other	No	
STATE PERMITS AND APPROVALS	Needed?	Obtained?
Scientific collecting permit	No	
CESA compliance: 2081	No	
CESA compliance: NCCP	No	
1601/03	No	
CWA 401 certification	No	
Coastal development permit	No	
Reclamation Board approval	No	
Notification of DPC or BCDC	No	
Other	No	
FEDERAL PERMITS AND APPROVALS	Needed?	Obtained?
ESA compliance Section 7 consultation	No	
ESA compliance Section 10 permit	No	

Framing and i	Public Outreach Pro	oposai
Rivers and Harbors Act	No	
CWA 404	No	
Other	No	
PERMISSION TO ACCESS PROPERTY		
Permission to access city, county or other local agency land. If yes, indicate the name of the agency:	No	
Permission to access state land. If yes, indicate the name of the agency:	No	
Permission to access federal land. If yes, indicate the name of the agency:	No	
Permission to access private land. If yes, indicate the name of the agency:	No	

CALFED BAY-DELTA PROGRAM PROPOSAL SOLICITATION PACKAGE LAND USE CHECKLIST

All applicants must fill out this Land Use Checklist for their proposal. Applications must contain answers to the following questions to be responsive and to be considered for funding. <u>Failure to answer these questions and include them with the application will result in the application being considered nonresponsive and not considered for funding.</u>

<u> </u>	institutive sponsive and not constant of funding.
1)	Do the actions in the proposal involve physical changes in the land use? No
	a) If you answered yes to # 1, describe what actions will occur on the land involved in the proposal?
	None
	b) If you answered no to # 1, explain what type of actions are involved in the proposal (i.e., research only, planning only).
	Planning and assessments only
2)	How many acres of land will be subject to a land use change under the proposal?0
3)	What is the current land use of the area subject to a land use change under the proposal? What is th current zoning and general plan designation(s) for the property? Does the current land use involve agricultural production?
	a) Current land use <u>N/A</u>
	a) Current land use N/A b) Current zoning N/A c) Current general plan designation N/A
	c) Current general plan designation <u>N/A</u>
4)	Is the land subject to a land use change in the proposal currently under a Williamson Act contract? NO
5)	What is the proposed land use of the area subject to a land use change under the proposal? N/A
6)	Will the applicant acquire any land under the proposal, either in fee or through a conservation easement? NO
	a) If you answered yes to # 6, describe the number of acres that will be acquired and whether the acquisition will be of fee title or a conservation easement:
	b) Total number of acres to be acquired under proposal <u>N/A</u>

c)	Number of acres to be acquired in fee	N/A	
	Number of acres to be subject to conservation easement	N/A	
	•		

- 7) For all lands subject to a land use change under the proposal, describe what entity or organization will manage the property and provide operations and maintenance services. N/A
- 8) Will the applicant require access across public or private property that the applicant does not own to accomplish the activities in the proposal? No
 - a) If yes, the applicant must attach written permission for access from the relevant property owner(s). Failure to include written permission for access may result in disqualification of the proposal during the review process. Research and monitoring field projects for which specific sites have not been identified will be required to provide access needs and permission for access within 30 days of notification of approval.
- 9) For land acquisitions (fee title or easements), will existing water rights be acquired? No
- 10) Does the applicant propose any modifications to the water right or change in the delivery of the water? No
 - a) If yes to #10, please describe the modifications or changes. N/A

\$14,475.00

(tem	Quantity	Units	Per unit cost	Total cost
Phase 1 – Initial Planning & Arwide Introduction	rea-			
Consulting Fees	40	Days	\$500	\$20,000.00
Travel	2000	Miles	\$0.325	\$700.00
Materials – Easels	4		75.000	\$300.00
Materials – Easel Pads	8	Pads	\$12.50	\$100.00
Materials – Pens	10	Box	\$7.50	\$75.00
Subtotal – Phase 1				\$21,175.00
Phase 2 – Community Visioning Strategy Development	g &			
Consulting Fees	47	Days	\$500	\$23,500.00
Travel	3000	Miles	\$0.325	\$975.00
Lodging	6	nights	\$100.00	\$600.00
Assorted Textbooks	20	Books	\$30	\$600.00
Notebooks	200	Manuals	\$10	\$2,000.00
Planning Guides	10	Guides	\$8	\$80.00
Refreshments	12	Units	\$100	\$1,200.00
Meeting Room Fees	12	Room Rental	\$150	\$1,800.00
Copying	1000	Pads	\$0.08	\$80.00
Worksheets	5	Pads	\$5	\$25.00
Materials – Easel Pads	10	Pads	\$12.50	\$125.00
Printing Drafts/Reports	1	Report	\$500	\$500.00
Subtotal – Phase 2				\$31,480.00
Phase 3 – Vision/Plan Dissemination				
Consulting Fees	23	Days	\$500	\$11,500.00
Travel	2000	Miles	\$0.325	\$650.00
Refreshments	10	Units	\$25	\$250.00
Materials – Easel Pads	6	Pads	\$12.50	\$75.00
Printing Final Strategic Plan	1	Plan	\$2,000	\$2,000.00

Subtotal – Phase 3

Phase 4 - Launch Implementation

Consulting Fees	21	Days	\$500	\$10,500.00
Travel	1200	Miles	\$0.325	\$390.00
Materials – Easel Pads	5	Pads	\$12.50	\$62.50
Printing Drafts & Reports	1	Report	\$500	\$500.00
Subtotal – Phase 4				\$11,402.50
Total				\$78,637.50

Budget costs

SYRCL and YSLT request \$192,300 over 24 months from the CALFED for Planning, and Public Outreach for the Yuba River Conservancy, planning implementation and mitigation of flood control tools to provide more ecologically sensitive flood protection in the Yuba watershed, and purchase easements and improvements for wildlife habitat. The funding would support the following:

This is a very early and rough estimate

1.	Hire consultant/facilitator coordinator	\$ 80,000
2.	Contract with GIS technical specialists	\$ 30,000
3.	Production of outreach materials and mailings	\$ 12,000
4.	Additional technical consulting	\$ 15,000
5.	Professional Land Appraisals	\$ 25,000
6.	Administration & overhead	\$ 18,000
7.	Misc. and materials	\$ 10,000

TOTAL \$190,000